

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

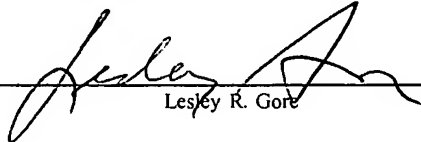


NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Michael R. Slater, Fen Huang and James R. Hartnett for **Thermophilic DNA Polymerases From *Thermotoga Neapolitana***.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date **November 12, 2003** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EL 992 784 726 US** addressed to: **Box Patent Application**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
\_\_\_\_\_  
Lesley R. Gore

1. **Type Of Application**  
This new application is for a(n)  
☒ Original (nonprovisional)  
☒ Divisional.
2. **Benefit Of Prior U.S. Application(s)** (35 U.S.C. §§ 119(e), 120, or 121)  
☒ The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are **ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.**
3. **Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application**  
177 Pages of Specification  
3 Pages of Claims  
1 Page of Abstract  
6 Sheets of Informal Drawings
4. **Additional Papers Enclosed**  
☒ Preliminary Amendment  
☒ Request Under 37 C.F.R. § 1.821(e) To Use Computer Readable Form From Another Application.
5. **Declaration**  
☒ Enclosed  
☒ Executed by inventors from parent application..
6. **Inventorship Statement**  
The inventorship for all the claims in this application is:  
☒ the same
7. **Language**  
☒ English

8. Fee Calculation (37 C.F.R. § 1.16)

☒ Regular application

CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee - \$770.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	14 - 20 =	0 × \$18.00 =	\$0.00
Independent Claims (37 C.F.R. § 1.16(b))	7 - 3 =	4 × \$86.00 =	\$344.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))	+ \$290.00 =		\$0.00
Filing Fee Calculation			\$1,114.00

9. Fee Payment Being Made At This Time

☒ Enclosed

☒ basic filing fee

\$1,114.00

Total Fees Enclosed

\$1,114.00

10. Method of Payment of Fees

☒ Check in the amount of \$1,114.00

11. Authorization To Charge Additional Fees and Credit Overpayment

☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.


12. Power of Attorney by Assignee

☒ Enclosed (unexecuted)

13. Return Receipt Postcard

☒ Enclosed

Dated: November 12, 2003

  
David A. Casimir  
Registration No.: 42,395

MEDLEN & CARROLL, LLP  
101 Howard Street, Suite 350  
San Francisco, California 94105  
608/218-6900

☒ Incorporation By Reference Of Added Pages

☒ Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s)  
Claimed

Number of pages added 1

**ADDED PAGES FOR APPLICATION TRANSMITTAL  
WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED**

**14. Relate Back**

A. 35 U.S.C. § 119(e)

B. 35 U.S.C. §§ 120, 121 and 365(c)

- ☒ Amend the Specification by inserting before the first line the sentence: "This is a Divisional of copending application(s) 09/641,319 filed on 8/18/00 which is a Continuation of U.S. Patent Application Serial No. 09/385,986, which is a Continuation of U.S. Patent Application Serial No. 08/484,661, now U.S. Patent No. 6,001,645.--."

**15. Further Inventorship Statement Where Benefit Of Prior Application(s) Claimed**

a. This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are

☒ the same.

b. This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are

☒ the same.